



# MATERIAL SAFETY DATA SHEET

PRODUCT NUMBER: 12 45 08 – 12 45 12

## SECTION 1 PRODUCT IDENTIFICATION AND MANUFACTURE

SUPPLIER: METPREP LTD.  
CURRIERS CLOSE  
CHARTER AVENUE  
COVENTRY CV4 8AW

TELEPHONE: 024 7642 1222  
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PRODUCT: RESIN BOND SUPERABRASIVE WHEELS

## SECTION 2 SUBSTANCE HAZARD IDENTIFICATION

### OVERVIEW:

If handled and used for grinding or cutting purposes as indicated, the product presents no critical hazards to man (EC Directive No 88/379).

ODOUR: *No odour*  
PHSICAL FORM: *Solid*

### POTENTIAL HEALTH HAZRDS:

**EYE CONTACT:** *Mechanical Irritation.*  
*Symptoms may include soreness, tears, mechanical abrasion, blurred blurred or hazy vision.*

**SKIN CONTACT:** *Mechanical Irritation.*  
*Symptoms may include abrasion, soreness, pain and itching.*

**INHALATION:** *Grinding dust may cause irritation of the respiratory system.*  
*Symptoms may include cough, sneezing, nasal discharge, nose and throat pain.*

**INGESTION:** *No adverse effects are expected.*

### ENVIRONMENTAL HAZARDS

**These products do not leach metals or other hazardous substances at concentrations that**  
*Can be considered as hazardous waste.*

## SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

THERMOSETTING RESIN  
DIAMOND/CBN  
MINERAL FILLERS  
ALUMINIUM/STEEL



#### SECTION 4 FIRST AID MEASURES

- EYE CONTACT:** Rinse with copious amounts of clean water.  
If symptoms persist refer for medical attention.
- SKIN CONTACT:** Wash affected area with soap & water.  
If symptoms persist refer for medical attention.
- INHALATION:** If symptoms develop remove to fresh air.  
If symptoms persist refer for medical attention.
- INGESTION:** No ill effect or requirement for first aid is anticipated.

#### SECTION 5 FIRE FIGHTING MEASURES

##### FLAMMABLE PROPERTIES

- AUTOIGNITION TEMPERATURE:** N/A  
**FLASH POINT:** N/A  
**FLAMMABLE LIMITS (LEL):** N/A  
**FLAMMABLE LIMITS (UEL):** N/A

##### EXTINGUISHING MEDIA

Products will not burn. Use Class B extinguishing agents (e.g Carbon Dioxide, Dry Chemical etc.)

##### PROTECTION OF FIRE FIGHTERS

Full protective clothing to include helmet, self contained positive pressure breathing apparatus. Protective covering for exposed areas such as head and hands .

No unusual fire or explosive hazards anticipated.

#### SECTION 6 ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS:** N/A  
**ENVIRONMENTAL PRECAUTIONS:** N/A



## **SECTION 7 HANDLING AND STORAGE**

### **HANDLING**

These products are regarded as articles under current REACH regulations, there is no intended release of hazardous chemicals when used under normal conditions.

Take measures to prevent mechanical damage.  
Avoid breathing grinding dust, Ensure adequate ventilation.

### **STORAGE**

Store in dry area at 10-30 Deg C at less than 65% relative humidity.

### **INDUSTRIAL HYGENE PRACTICES**

Wash face and hands thoroughly with soap & water after use and before eating, drinking, Smoking, applying cosmetics or visiting the lavatory.

## **SECTION 8 EXPOSURE CONTROL/PERSONAL PROTECTION**

### **ENGINEERING CONTROLS**

Provide appropriate local exhaust ventilation (LEV)

### **PERSONAL PROTECTIVE EQUIPMENT**

#### **RESPIRATORY PROTECTION:**

Approved respirators depending upon airborne dust concentration.

#### **HAND PROTECTION:**

No specific protection required under normal conditions.

#### **EYE PROTECTION:**

**Wear suitable goggles**

#### **SKIN PROTECTION:**

No specific protection required under normal conditions.

#### **HEARING PROTECTION:**

Required at all times.

#### **EXPOSURE GUIDELINES:**

None established.



## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>FORM:</b>	Solid
<b>COLOUR:</b>	
<b>ODOUR:</b>	None as supplied
<b>PH:</b>	N/A
<b>BOLING POINT:</b>	N/A
<b>MELTING POINT:</b>	N/A
<b>THERMAL DECOMPOSTION:</b>	N/A
<b>IGNITION TEMPEARTURE:</b>	N/A
<b>VAPOUR PRESSURE:</b>	N/A at 20 DegC
<b>SPECIFIC GRAVITY:</b>	2-4.5g/cc
<b>BULK DENSITY:</b>	N/A
<b>WATER SOLUBILITY:</b>	Slight
<b>MISCIBILITY IN WATER:</b>	N/A
<b>VISCOSITY:</b>	N/A

## SECTION 10 STABILITY AND REACTIVITY PROPERTIES

### CONDITIONS TO AVOID:

No hazardous reactions known – avoid heat and humidity.

### INCOMPATABILITY:

Strong acids, alkalis and oxidising agents may modify the characteristics of the products and create safety hazards when on the machine.

### HAZARDOUS DECOMPOSITION PRODUCTS:

If the products are used in accordance with instructions no hazardous decomposition products are created.

## SECTION 11 TOXICOLOGICAL INFORMATION

Not applicable when handled and stored correctly.

Many years of experience have not revealed any adverse effects on health from the use of diamond or CBN abrasives when used correctly.

## SECTION 12 ECOLOGICAL INFORMATION

There are no special regulations on degradability testing to be observed.

## SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of in a secured sanitary landfill and in accordance with local regulations. These products are not considered as notifiable waste in the UK.

**SECTION 14****TRANSPORT INFORMATION**

**LAND TRANSPORT:** ADR Regulation – Not dangerous goods – full transport  
RID Regulation – Not dangerous goods – full transport  
**AIR TRANSPORT:** IATA Class regulation – Not dangerous goods – full transport.  
**OCEAN TRANSPORT:** IMDG Class regulation – Not dangerous goods – full transport.

**SECTION 15****REGULATORY INFORMATION**

**FIRE HAZARD:** *No Hazard*  
**PRESSURE HAZARD:** *No Hazard*  
**REACTIVITY HAZARD:** *No Hazard*  
**IMMEDIATE HAZARD:** *Yes*  
**DELAYED HAZARD:** *No Hazard*

**NOTIFICATION STATUS:** **EINECS Not required**

**SECTION 16****OTHER INFORMATION**

Prepared in accordance with Directive 91/155/EEC